

**SECRET**

OXC 4439  
Copy 8 of 8

7 February 1963

MEMORANDUM FOR: Chief, Operations Division, OSA  
SUBJECT: Minimum Runway Strength Requirements

A brief recap follows to indicate the minimum runway strength requirements for the three aircraft involved in project OXCART. This data was developed by [redacted] OSA/MD, after discussion with Wing Commander Blair and Mr. G. Leslie, USAF, Pentagon.

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			ESWL	LCN	AUW
OXCART	Empty (60,000)		16,600	60	60,000
Vehicle	Full (120,000)		31,200	120	120,000
KC-135	Empty (110,000)		12,400	110	110,000
	Full (300,000)		33,750	300	300,000
C-130B	Empty (70,000)		15,700	70	70,000
	Full (135,000)		34,500	135	135,000

**Definitions:**

ESWL - Each Single Wheel Load  
LCN - Load Classification Number X 1000  
AUW - All Out Weight

OSA/OD/C/OXC

cc: OSA/MD

OSA/OD/OXC/ [redacted]

**Distribution:**

- #1 - OSA/C/OD
- #2 - OSA/MD
- #3-6 - OSA/OD/OXC
- #7 - OSA/OD/OXC (Change)
- #8 - OSA/RB

123  
CLASS. [redacted]  
EXCLUDED  
CLASSIFIED TO: TS S C  
DATE: 1/22/72  
REVIEWER: [redacted]

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